

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Docket No.: CC-0701
DANIEL L. GYSLING ET AL. : Group No.: 2897
Serial No.: 10/762,408 : Confirmation: 4894

Filed: January 21, 2004

Title: Apparatus and Method for Measuring Unsteady Pressures within a Large Diameter Pipe

Commissioner of Patent and Trademarks
P.O. Box 1450
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants submit herewith the reference in accordance with 37 CFR 1.56 and
37 CFR 1.97(c)(2).

Also enclosed is form PTO1449 listing the cited reference.

In accordance with 1.17(p), please charge the \$180.00 fee and any additional fees or credit
overpayment to Deposit Account No. 50-0260, Order No. CC-0701.

~~10/20/2005 AKELECH1 00000023 500260 11762408~~

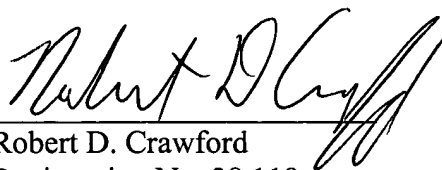
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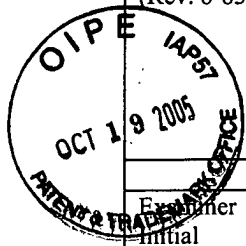
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Respectfully submitted,

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Form PTO-1449 (Rev. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. CC-0701		Serial No. 10/762,408							
Information Disclosure Citation (Use several sheets if necessary)				Applicant: Daniel L. Gysling et al.									
				Filing Date: 01/21/04		Group: 2857 Confirmation No. 4894							
U. S. PATENT DOCUMENTS													
Examiner Initial		Document Number						Date	Name	Class	Subclass	Filing Date If Appropriate	
		4	0	8	0	8	3	7	03/1978	Alexander et al.	73	61.45	
		4	0	4	8	8	5	3	09/1977	Smith et al.	73	861.25	
		4	2	4	8	0	8	5	02/1981	Coulthard	73	861.06	
		4	4	4	5	3	8	9	05/1984	Potzick et al.	73	861.27	
		4	8	9	6	5	4	0	01/1990	Shakkottai et al.	73	861.02	
		5	0	4	0	4	1	5	08/1991	Barkhoudarian	73	861.03	
		5	0	8	3	4	5	2	01/1992	Hope	73	61R	
		5	2	1	8	1	9	7	06/1993	Carroll	250	227.19	
		5	2	8	5	6	7	5	02/1994	Colgate et al.	73	23.2	
		5	3	6	7	9	1	1	11/1994	Jewell et al.	73	861.08	
		5	3	9	8	5	4	2	03/1995	Vasbinder	73	40.5	
		5	5	2	6	8	4	4	06/1986	Kamen et al.	137	614.11	
		5	5	2	4	4	7	5	06/1996	Kolpak et al.	73	19.03	
		5	5	9	1	9	2	2	01/1997	Segeral et al.	73	861.04	
		5	7	4	1	9	8	0	04/1998	Hill et al.	73	861.04	
		5	7	7	0	8	0	5	06/1998	Castel	73	861.04	
		5	7	7	0	8	0	6	06/1998	Hiismaki	73	861.29	
		5	8	3	5	8	8	4	11/1998	Brown	73	861.04	
		5	8	4	5	0	3	3	12/1998	Berthold et al.	385	12	
		5	9	4	8	9	5	9	09/1999	Peloquin	73	1.83	
		6	0	1	6	7	0	2	01/2000	Maron	73	705	
		6	1	5	1	9	5	8	11/2000	Letton et al.	73	61.79	
		6	2	0	2	4	9	4	03/2001	Richel et al.	73	861.29	
		6	3	5	4	1	4	7	03/2002	Gysling et al.	73	61.79	
		6	3	7	8	3	5	7	04/2002	Han et al.	73	54.41	
		6	4	3	5	0	3	0	08/2002	Gysling et al.	73	587	
		6	4	4	3	2	2	6	09/03/02	Diener et al.	166	241.6	
		6	4	5	0	0	3	7	09/2002	McGuinn et al.	73	705	
		6	4	6	3	8	1	3	10/2002	Gysling	73	862.59	
		6	5	3	6	2	9	1	03/2003	Gysling et al.	73	861.42	
Examiner Initial		Document Number						Date	Country	Class	Subclass	Translation Yes/No	
	WO	99/067629						12/1999	WO				
	WO	93/14382						07/1993	WO				
	WO	02/95263						01/2001	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		"Noise and Vibration Control Engineering Principles and Applications", Leo L. Beranek and Istvan L. Ver, A. Wiley Interscience Publication, pp. 537-541, Aug. 1992
		"Two Decades of Array Signal Processing Research", The Parametric Approach", H. Krim and M. Viberg, IEEE Signal Processing Magazine, Jul., 1996, pp. 67-94
		"Development of an array of pressure sensors with PVDF film, Experiments in Fluids 26", January 8, 1999, Springer-Verlag
		"Viscous Attenuation of Acoustic Waves in Suspensions" by R.L. Gibson, Jr. and M.N. Toksoz
Examiner		Date Considered
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of the form with next communication to applicant.		

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U. S. PATENT DOCUMENTS							
Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		6 5 5 0 3 4 2	04/2003	Croteau et al.	73	800	
		6 5 5 8 0 3 6	05/2003	Gysling et al.	374	147	
		6 5 8 7 7 9 8	07/2003	Kersey et al.	702	50	
		6 6 0 1 4 5 8	08/2003	Gysling et al.	73	861.04	
		6 6 0 9 0 6 9	08/2003	Gysling	702	48	
		6 6 9 1 5 8 4	02/2004	Gysling et al.	73	861.42	
		6 6 9 8 2 9 7	03/2004	Gysling	73	861.63	
		6 7 3 2 5 7 5	05/2004	Gysling et al.	73	61.79	
		6 7 8 2 1 5 0	08/2004	Davis et al.	385	12	
		6 8 1 3 9 6 2	11/2004	Gysling et al.	73	861.26	
		6 8 3 7 0 9 8	01/2005	Gysling et al.	73	61.79	
		6 8 6 2 9 2 0	03/2005	Gysling et al.	73	61.79	
		6 8 6 8 7 3 7	03/2005	Croteau et al.	73	800	
		6 8 8 9 5 6 2	05/2005	Gysling et al.	73	861.42	
		6 8 9 8 5 4 1	05/2005	Gysling et al.	702	100	
	2002	0 1 0 0 3 2 7	08/2002	Kersey et al.			
	2002	0 1 2 9 6 6 2	09/2002	Gysling et al.			
	2002	0 1 2 3 8 5 2	09/2002	Gysling et al.			
	2002	0 0 9 5 2 6 3	07/2002	Gysling et al.			
	2003	0 0 8 9 1 6 1	05/15/03	Gysling			
	2003	0 0 3 8 2 3 1	02/2003	Davis et al.			
	2004	0 0 1 6 2 8 4	01/29/04	Gysling et al.			
	2004	0 0 6 9 0 6 9	04/2004	Croteau et al.			
	2004	0 1 6 7 7 3 5	08/26/04	Rothman et al			
Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation Yes/No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Piezo Film Sensors Technical Manual – Provided by Measurement Specialties, Inc.					
		Sonar-Based Volumetric Flow Meter For Pulp and Paper Applications – Daniel L. Gysling & Douglas H. Loose – 12/13/03					
		Sonar-Based Volumetric Flow Meter for Chemical and Petrochemical Applications – Daniel L. Gysling & Douglas H. Loose – 02/14/03					
		New Flowmeter Principle – By Walt Boyes – Flow Control Magazine – October 2003 Issue					
		SONAR Gets into the Flow – Daniel L. Gysling and Douglas H. Loose – Modern Process – January 2004					
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